Accessories

DVS Thermostatic Mixing Valve

DVS mixing valves

2in1 DVS thermostatic mixing valve

DVS mixing valve supplying mixed water to DVS tap

TMV3 Thermostatic Mixing Valves

A highly advanced TMV3 approved thermostatic mixing valve for use in basin, shower, bidet and high pressure bathfill applications (above 1 bar).

The valve is designed to control the mixed water outlet temperature to within +/- 2°c regardless of fluctuations in the temperature and pressure of the hot and cold water supplies, and to shut the mixed water outlet instantly in case of hot or cold water failure*.

It incorporates a unique purpose-built adjuster key so that standard tools cannot be used by unauthorised persons to change the set outlet temperature.

*Supply conditions must remain within limits stated.

Disclaimer: All valves should be commisioned after installation

Features include:

- Fully approved by WRAS under the TMV3 scheme to the DO8 specification for basin, shower, bidet, and high pressure bath fill applications
- Rapid thermostatic failsafe on either cold or hot supply failure protects the user from extreme temperature dangers
- Unique temperature adjuster tool prevents unauthorised tampering
- Provides extreme mixed water temperature stability under changing supply conditions
- Available in a vast selection of connection formats, including standard 15 and 22mm compression, 15/22mm universal compression

Supplied with 2in1 connection fittings incorporating a single check valve to prevent cross flow, and disc type strainers, fitted upstream of the check valves, to prevent the valve becoming contaminated. A "dummy" valve blanking set is available (part no. HTEE 219 001) to be fitted in place of the valve body to enable the installer to flush out the system prior to commissioning.

Supplied with 4in1 service fittings featuring an isolating ball valve, large surface area strainer, single check valve for crossflow protection, and a gauge/flushing port for checking system conditions or for connection of a flushing hose (part no. FLSE 100 001) to remove system debris prior to commissioning the mixing valve.

D214/TMV3/4
4in1 DVS Thermostatic Mixing Valve

Specifications

Factory temperature setting:	41-43°c
Temperature setting range:	38-46°c
Temperature, hot supply:	52-65°c
Temperature, cold supply:	5-20°c
Minimum hot to mix differential temperature:	10°c
Temperature stability:	+/- 2°c
Working pressure, static:	16 bar max
Working pressure:	0.2-5
Maximum pressure loss ratio:	10:1
Flow rate, minimum:	4 lpm
Flow rate @ 1 bar pressure loss:	21 lpm

Accessories

Water Heaters

Hand Wash Water Heaters

Thanks to their compact sizes, the range of Ariston electric water heaters can be installed virtually anywhere. There are under-sink and over-sink models to suit demands from low-usage single basin installations, to heavy-usage 2-3 basin installations. Features include:

- Unvented cold water feed
- Extra thick steel-plated tank
- Pressure tested and double coated vitreous enameled
- Large magnesium anode
- CFC free polyurethanethermal insulation
- Regulation thermostat equipped with safety thermostat
- External temperature control
- Heating indicator light
- Front access for ease of maintenance
- Simple installation
- Suitable for serving up to 5 handwash taps
- Does not require vented taps

Left: Hand wash water heater

Zip Hydroboil

Unlike vending machines that dispense drinks at temperatures significantly less than boiling point, Zip Hydroboil provides truly boiling water at the touch of a tap so your beverages are always piping hot.

This means that drinks made with Zip instant boiling water taste so much better than drinks from a vending machine. And you won't have to put up with the limited choice of drinks that vending machines provide, or the ongoing expense of costly consumables.

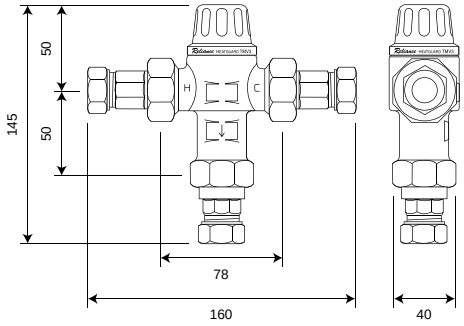
Zip Hydrotap

Zip Hydrotap is an advanced instant boiling and chilled water system that is far quicker, simpler and safer to use than any kettle.

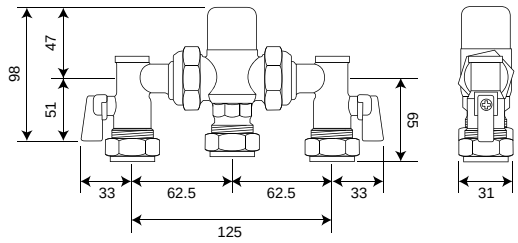
Simple to use, press the red lever for boiling water, blue for chilled and also has the capacity to 'lock-on' for hands free water delivery. With an exceptional flow rate for fast filling of cups and glasses and a safety lock if required.

t: 01803 529021
f: 01803 559016
w: www.dartvalley.co.uk

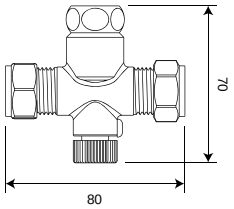
Valves and Valve Accessories



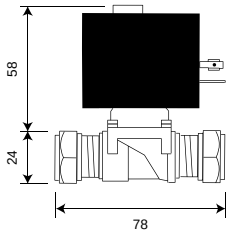
D214/TMV3/2/15/22
2in1 Thermostatic mixing valve - 15/22mm



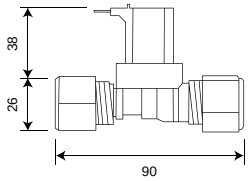
D214/TMV3/4/15/22
4in1 Thermostatic mixing valve - 15/22mm



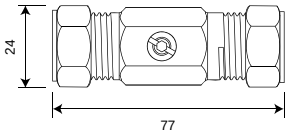
D213
Temperature blending valve - 15mm



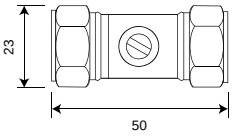
D178/12.7MM
Standard 12.7mm solenoid valve
(Commonly used with DVS
automatic taps) - 15mm



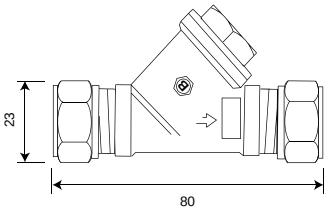
D184
Standard plastic solenoid valve
(Commonly used with showers and
DVS high security backplates) - 15mm



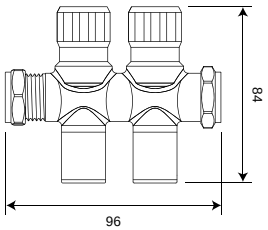
D040
Restrictaflow valve - 15mm



D038
15mm Isolating valve - 15mm

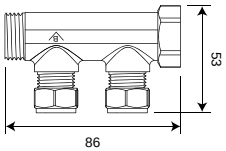


D331
Y Strainer compression - 15mm



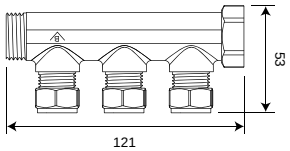
JG/MAN/2
2 Port push fit manifold

Inlet: 3/4" BSP
Outlet: 15mm push fit



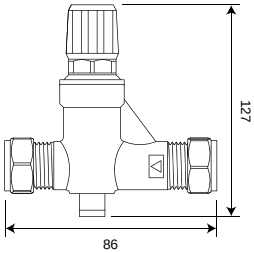
VEM/MAN/2
2 Port brass manifold

Inlet: 3/4" BSP
Outlet: 15mm compression



VEM/MAN/3
2 Port brass manifold

Inlet: 3/4" BSP
Outlet: 15mm compression



D191 and D191/22
Pressure regulator

Available in 15mm or 22mm

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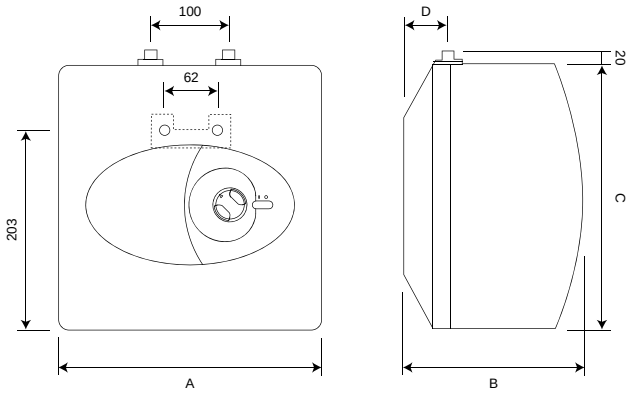
Accessories

Dimensions

Not to scale

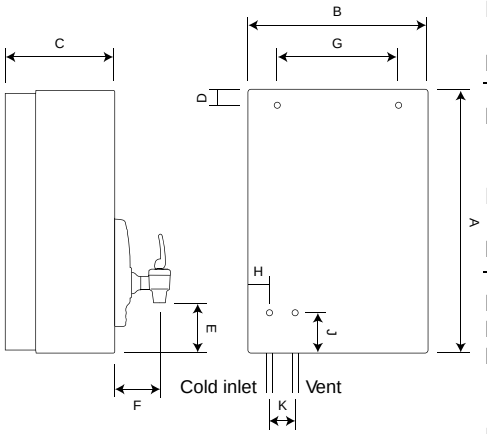
Hand Wash Water Heaters



Dimensions for 15 litre water heaters

Model	A	B	C	D
WHS/15L/US/2KW	345	300	345	80
WHS/15L/US/3KW	345	300	345	80

Zip Hydroboil



Dimensions for 1.5 litre model

Model	A	B	C	D	E	F	G	H	J	K
HS001	335	289	180	20	163	95	198	35	25	42

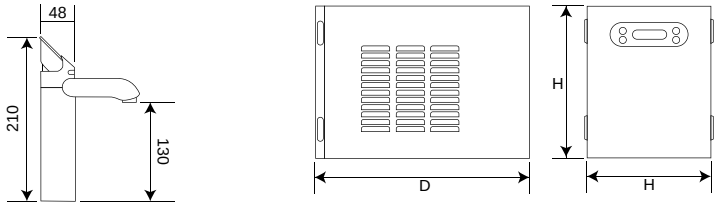
Dimensions for 3.0, 5.0, 7.5 litre model

Model	A	B	C	D	E	F	G	H	J	K
HS003	431	289	180	20	163	95	198	35	25	42
HS005/105	465	318	198	20	163	95	198	35	25	42
HS007/107	578	318	198	20	163	95	198	35	25	42

Dimensions for 10.0, 15.0, 25.0, 40.0 litre model

Model	A	B	C	D	E	F	G	H	J	K
HS010/110	600	390	244	20	163	95	295	41	28	42
HS015/115	600	390	299	20	163	95	295	41	28	42
HS025/125	780	390	299	20	163	95	295	41	28	42
HS040/140	840	515	284	20	163	95	420	41	28	42

Zip HydroTap



Model	Power Rating kW	Maximum Chilled Cups/hr	Maximum Boiling Cups/hr	Dimensions (mm) W x D x H
BC150/175	2.1	175	150	500 x 465 x 395
BC100/125	1.8	125	100	440 x 430 x 337
BC60/85	1.8	85	60	440 x 430 x 337

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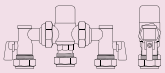
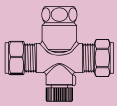
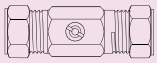
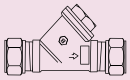
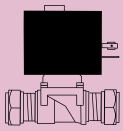
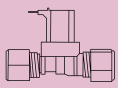
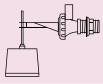
Other Products

Below are some of the other products that DVS supply, including valves necessary for supplying mixed water to taps etc.

Valves and Valve Accessories

Profile - Not to scale	Code	Description	Price (RRP)	DS
	D214/TMV3/2/15/22	Thermostatic mixing valve 2in1 - 15/22mm	£52.00	A
	D214/TMV3/4/15/22	Thermostatic mixing valve 4in1 - 15/22mm	£66.00	A
		Notes: Thermostatic mixing valves come with both 15mm and 22mm connections.		
	D213	Temperature blending valve - 15mm	£25.00	A
		Notes: Should only be used where safety thermostatic mixing valves are considered unnecessary.		
	D040	Restrictaflow in-line flow restricting valve - 15mm	£5.00	A
	D038	Isolating valve - 15mm	£3.00	A
	D331	Standard Y-strainer compression - 15mm	£12.00	A
		Standard latching valves		
	D178/1.2MM	6v DC ASCO valve (H262601BW) 1.2mm orifice - 0-12 BAR - 15mm	£37.00	A
	D178/2MM	6v DC ASCO valve (H262602BW) 2mm orifice - 0-12 BAR - 15mm	£37.00	A
	D178/3.2MM	6v DC ASCO valve (H262603BW) 3.2mm orifice - 0-3 BAR - 15mm	£37.00	A
	D178/4MM	6v DC ASCO valve (H262604BW) 4mm orifice - 0-2 BAR - 15mm	£37.00	A
	D178/6.7MM	6v DC ASCO valve (H262605BW) 6.7mm orifice - 0-0.7 BAR - 15mm	£37.00	A
	D178/12.7MM	6v DC ASCO valve (SCXH210G202BW) 12.7mm orifice - 0.35-10 BAR - 15mm	£43.00	A
		Special applications		
		Please note: The D107 range of control systems all use 3W coils		
	D178/NC/4/12V	12v DC Normally closed ASCO valve 4mm orifice - 3W - 0-2 BAR - 15mm	£37.00	A
	D178/NC/7.1/12V	12v DC Normally closed ASCO valve 7.1mm orifice - 3W - 0-0.7 BAR - 15mm	£37.00	A
	D178/NC/22/LP	12v DC Normally closed low pressure high flow ASCO valve - 3W - 0-1 BAR - 15/22mm	£85.00	A
	D178/22/6VL/LP	6v DC Low pressure high flow ASCO valve - Latching - 0-6 BAR - 15/22mm	£85.00	A
	D178/22/6VL	6v DC ASCO valve 19mm orifice - Latching - 0.5-8 BAR - 22mm	£70.00	A
	D178/NC/15	6v DC Normally closed ASCO valve 15mm orifice - 0-8 BAR - 15mm	£43.00	A
	D178/NC/22/12V	12v DC Normally closed ASCO valve 22mm orifice - 0.5-8 BAR - 3/4" BSP	£70.00	A
	D178/NC/28/12V	12v DC Normally closed ASCO valve 25mm orifice - 0.5-8 BAR - 1" BSP	£97.00	A
	D150	Valve latcher	£50.00	A
		Notes: Enables manual operation of solenoid valve without requiring urinal control. Useful for testing or commissioning purposes.		
	D184	12v DC Plastic valve - Normally closed - For mains powered units	£26.00	A
	D184/6VL	6v DC Plastic valve - Latching - For battery powered units	£26.00	A
		Notes: 15mm. 3m wire and spade connectors incl.		
	D811/VALVE	WRAS approved side entry valve - Individual	£10.00	A

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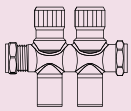
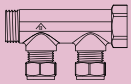
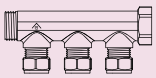
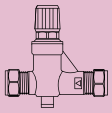
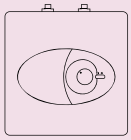
Accessories

Price Guide

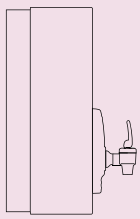
Valves and Valve Accessories

Profile - Not to scale	Code	Description	Price (RRP)	DS
	JG/MAN/2/R	2 Port push fit manifold - 3/4" x 15mm - Red	£35.00	D
	JG/MAN/2/B	2 Port push fit manifold - 3/4" x 15mm - Blue	£35.00	D
		Notes: Inlet: 3/4" BSP. Outlet: 15mm push fit.		
	VEM/MAN/2	2 Port brass manifold - 3/4" x 15mm	£13.00	D
		Notes: Inlet: 3/4" BSP. Outlet: 15mm compression. Includes fittings.		
	VEM/MAN/3	3 Port brass manifold - 3/4" x 15mm	£15.00	D
		Notes: Inlet: 3/4" BSP. Outlet: 15mm compression. Includes fittings.		
	D191	Pressure regulator - 15mm	£38.00	D
	D191/22	Pressure regulator - 22mm	£40.00	D

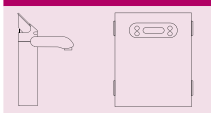
Hand Wash Water Heaters

Profile - Not to scale	Code	Description	Price (RRP)	DS
	WHS/15L/US/2KW	Undersink hand wash water heater - 15 litre - 2kW	£125.00	D
	WHS/15L/US/3KW	Undersink hand wash water heater - 15 litre - 3kW	£150.00	D
	D229	Kit A - 2 litre expansion vessel and non-return valve (required for all installations)	£40.00	D
	D230	Kit B - Preset 3.5 BAR pressure reducing valve (required for all installations above 3.5 BAR)	£35.00	D
	D231	Kit C - Discharge tundish (required for all installations)	£10.00	D
		Notes: Suitable for serving up to 5 handwash taps and does not require vented taps.		

Hydroboilers

Profile - Not to scale	Code	Description	Price (RRP)	DS
	HS001	Zip Hydroboil - 1.5 litre (9 cups) White Enamel - 1.5kW	£572.00	C
	HS003	Zip Hydroboil - 3 litre (18 cups) White Enamel - 1.5kW	£660.00	C
	HS005	Zip Hydroboil - 5 litre (30 cups) White Enamel - 2.4kW	£745.00	C
	HS007	Zip Hydroboil - 7.5 litre (45 cups) White Enamel - 2.4kW	£825.00	C
	HS010	Zip Hydroboil - 10 litre (60 cups) White Enamel - 3kW	£1020.00	C
	HS015	Zip Hydroboil - 15 litre (100 cups) White Enamel - 3kW	£1225.00	C
	HS025	Zip Hydroboil - 25 litre (150 cups) White Enamel - 3kW	£1502.00	C
	HS040	Zip Hydroboil - 40 litre (240 cups) White Enamel - 6kW	£1860.00	C
	HS105	Zip Hydroboil - 5 litre (30 cups) Stainless Steel - 2.4kW	£815.00	C
	HS107	Zip Hydroboil - 7.5 litre (45 cups) Stainless Steel - 2.4kW	£910.00	C
	HS110	Zip Hydroboil - 10 litre (60 cups) Stainless Steel - 3kW	£1115.00	C
	HS115	Zip Hydroboil - 15 litre (100 cups) Stainless Steel - 3kW	£1360.00	C
	HS125	Zip Hydroboil - 25 litre (150 cups) Stainless Steel - 3kW	£1600.00	C
	HS140	Zip Hydroboil - 40 litre (240 cups) Stainless Steel - 6kW	£2110.00	C

Hydrotap

Profile - Not to scale	Code	Description	Price (RRP)	DS
	BC150/175	Zip HydroTap - Boiling and chilled water delivery (150 boiling, 175 chilled cups per hour)	£2916.00	C
	BC100/125	Zip HydroTap - Boiling and chilled water delivery (100 boiling, 125 chilled cups per hour)	£2550.00	C
	BC60/85	Zip HydroTap - Boiling and chilled water delivery (60 boiling, 85 chilled cups per hour)	£2139.00	C

t: 01803 529021
f: 01803 559016
w: www.dartvalley.co.uk